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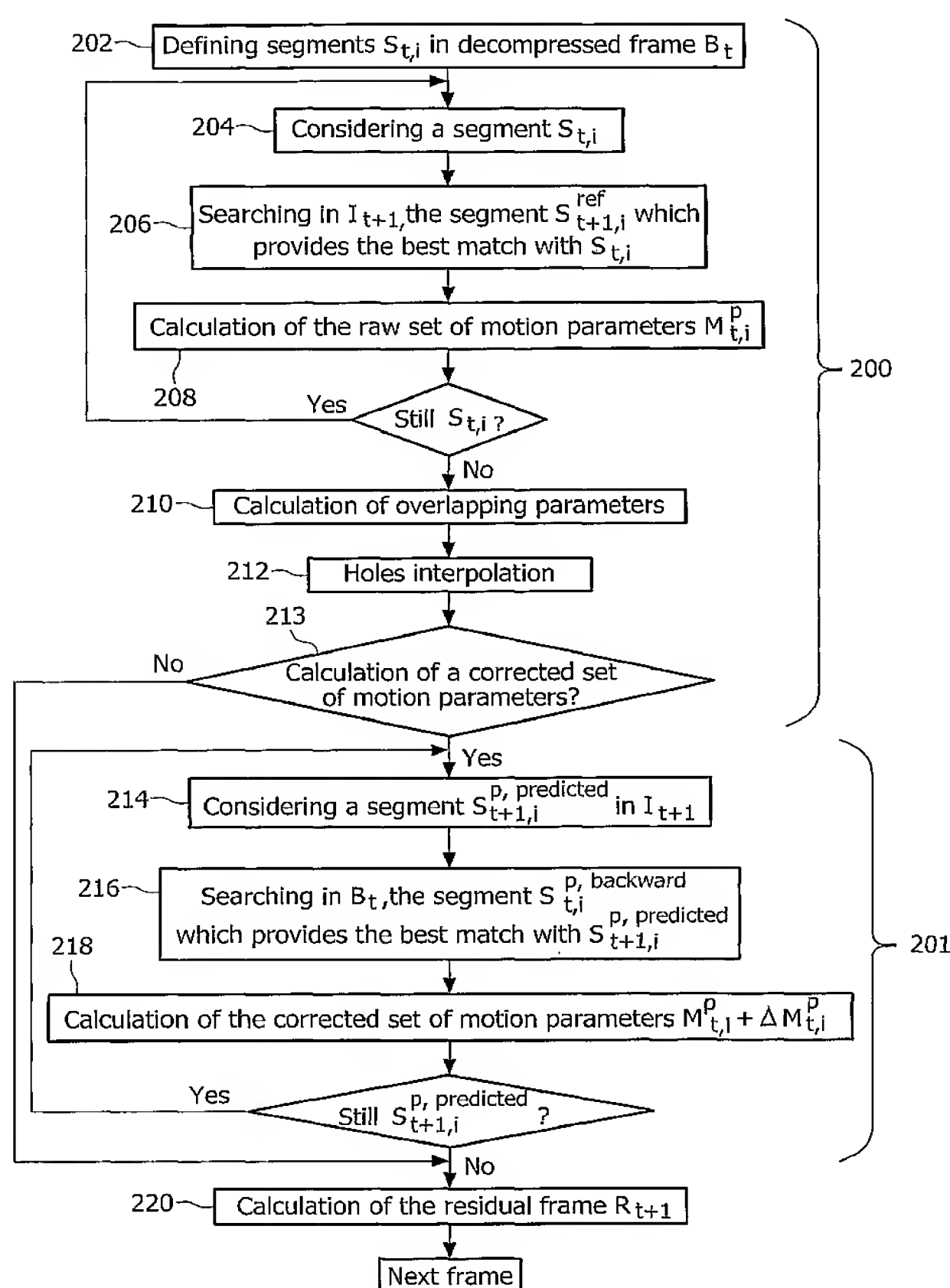
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(54) Title: METHOD FOR COMPRESSING/DECOMPRESSING VIDEO INFORMATION



(57) Abstract: The invention relates to a method for compressing video information in a video sequence (I_t , I_{t+1}). According to the invention, this method comprises the steps of : . segmenting a first video frame (B_t) into segments ($S_{t,i}$); . for each segment ($S_{t,i}$) of the first video frame (B_t): - searching, in a second video frame (I_{t+1}), a corresponding predicted segment (I) which matches with the segment ($S_{t,i}$) of the first video frame (B_t); - calculating a raw set of motion parameters (II) describing the motion between the segment ($S_{t,i}$) and the corresponding predicted segment (I); and . for each corresponding predicted segment (I) : - searching, in the first video frame (B_t), a corresponding segment (III) that matches with the predicted segment (I) of the second video frame (I_{t+1}); - calculating a best set of motion parameters (IV) which describes the motion between the corresponding segment (III) and the predicted segment (I).



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